

L1 ANSWER 1 OF 1 HCA COPYRIGHT 2009 ACS on STN

AN 54:77792 HCA

OREF 54:14802b-d

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TI Powdery condensation products

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PA Badische Anilin- & Soda-Fabrik Akt.-Ges.

DT Patent

LA Unavailable

INCL 39C

CC 31 (Synthetic Resins and Plastics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 1034358		19580717	DE 1955-B36061	19550610 <--

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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DE 1034358	INCL 39C	
	IPCR	C08G0012-00 [I,C*]; C08G0012-12 [I,A]; C08G0012-38 [I,A]

AB If acid condensing agents, such as HCO<sub>2</sub>H, are added to solns. of urea and aldehydes up to pH <5, powdery condensation products are obtained when the solution is sprayed at moderate temps. If less acid condensing agents are used, the powders may be treated afterwards thermally. The products are suitable for the preparation of adhesives. Thus, 1 mole of urea is dissolved in a 30% aqueous solution of 2 moles HCHO. Then HCO<sub>2</sub>H is added until the pH is 3.5, and the solution is sprayed into a drying tower heated by hot air to 120°.

IT Plastic materials and Resinous products  
(adhesives for, ethylene polymer joining to)

IT Adhesives  
(from urea condensation products)

IT Catalysts  
(in condensation, of HCHO with urea for powdery product, HCOOH)

IT 64-18-6P, Formic acid  
RL: PREP (Preparation)  
(catalysts in urea resin powder manufacture for adhesives)

IT 57-13-6P, Urea  
RL: PREP (Preparation)  
(condensation products, adhesives from powdered, HCO<sub>2</sub>H as condensing agent in manufacture of)

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

UPOS.G Date last citing reference entered STN: 16 Feb 2009

OS.G CAPLUS 2007:1448746